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### (54) Communications network monitoring

(57) The disclosure relates to a method of monitoring a communications network comprising a plurality of node equipment, eg switches, and link equipment, eg fibre optic links, in which performance parameters of individual components of the node equipment are used to determine an overall performance parameter for the node equipment. By comparing like performance parameters for individual network elements, the performance of different types of network element can be compared with each other. Parameters which can be monitored include quality of service, cell discard, cell loss, and other measures of network performance. Each of a plurality of monitoring sessions runs contemporaneously, each monitoring a respective set of operational parameters. During each monitoring session, there are input a set of operational parameters (132) to be monitored. Data relating to the operational parameters is collected from one or more network elements, and a display of the data is produced (134).

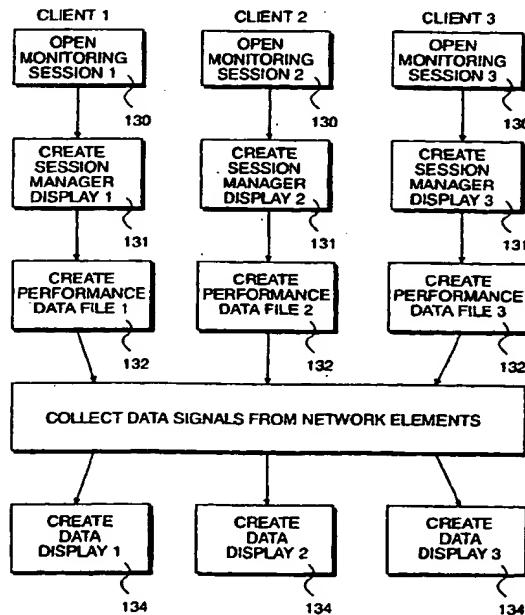


FIG 13



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## EUROPEAN SEARCH REPORT

Application Number

EP 97 30 5899

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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	9 December 1998	Cichra, M	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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## **EUROPEAN SEARCH REPORT**

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CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone	T : theory or principle underlying the invention				
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date				
A : technological background	D : document cited in the application				
O : non-written disclosure	L : document cited for other reasons				
P : intermediate document	S : member of the same patent family, corresponding document				

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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